

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(scanning and deformable adj2 (mirror dmd) and (vibra\$5 resonan\$3) adj5 frequency).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 10:37
L2	0	(scanning and ((deformable adj2 (mirror dmd)) membrane) and (vibra\$5 resonan\$3) adj5 frequency).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 10:38
L3	1378	345/7,8.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 10:38
L4	0	2 and 3	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 10:38
L5	0	(scanning and ((deformable adj2 (mirror dmd)) membrane) and (vibra\$5 resonan\$3) and frequency).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 10:39
L6	427	3 and frequency	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 10:39
L7	0	(scanning and ((deformable adj2 (mirror dmd)) membrane) and frequency).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 10:39
L8	0	(scanning and ((deformable with (mirror dmd)) membrane) and frequency).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 10:39
L9	1	(scanning and (mirror dmd membrane) and frequency).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 10:39
L10	106	(scanning and (mirror dmd membrane) and frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 10:40
L11	0	3 and 10	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 10:40
S1	86	348/770.ccls.	USPAT	OR	ON	2005/04/18 10:06
S2	51	S1 and (@ad<="19980805")	USPAT	OR	ON	2005/04/18 10:06
S3	51	S1 and (@ad<="19980805")	US-PGPUB; USPAT	OR	ON	2005/04/18 17:10
S4	87	348/770.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/18 10:06
S5	119	348/770.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:12

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S6	51	S5 and (@ad<="19980805")	US-PGPUB; USPAT	OR	ON	2005/04/19 09:24
S7	19	S6 and (frequency)	US-PGPUB; USPAT	OR	ON	2005/04/19 09:33
S8	0	S5 and ((multiple plurality several many) adj2 (frequencies rates)) and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:12
S9	0	S5 and ((multiple plurality several many) adj5 (frequencies rates)) and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:12
S10	0	S5 and ((multiple plurality several many) adj5 (frequency rate)) and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 17:10
S11	198	348/771.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:16
S12	1	S11 and ((multiple plurality several many) adj5 (frequency rate)) and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:13
S13	293	348/755,756,764,768.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:13
S14	0	S13 and ((multiple plurality several many) adj5 (frequency rate)) and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:35
S15	11	S11 and ((multiple plurality several many) adj5 (frequency rate))	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:16
S16	6	S15 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:20
S17	299	348/770,771.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:20
S18	15	S17 and ((multiple plurality several many) adj5 (frequency rate))	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:20
S19	502	345/84,85.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:20
S20	24	S19 and ((multiple plurality several many) adj5 (frequency rate))	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:20
S21	16	S20 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:24

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S22	26	S17 and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:24
S23	20	S22 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 11:14
S24	5	S22 and frequency	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:34
S25	4	S24 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:35
S26	3	S13 and frequency and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:35
S27	0	S26 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:35
S28	14	S19 and frequency and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:35
S29	3	S28 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 10:36
S30	0	345/84.85.ccls. and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 11:15
S31	235	345/84.85.ccls. and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 11:15
S32	1	"6140979".pn.	USPAT	OR	ON	2005/04/18 15:48
S33	25	("4793687" "5121138" "5127061" "5162828" "5164848" "5225923" "5243450" "5355181" "5420414" "5467104" "5526183" "5543968" "5557444" "5596339" "5629790" "5648618" "5659327" "5659430" "5673139" "5687034" "5694237" "5701132" "5726671" "5742419" "5751465").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 15:48
S34	34	("5225923").URPN.	USPAT	OR	ON	2005/04/18 15:50

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S35	14	("3619028" "4314154" "4370019" "4631581" "4788423" "4859846" "4874215" "4919500" "4959568" "4975626" "5032720" "5048904" "5130838" "5144477").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 15:56
S36	9	S35 and (frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 16:22
S37	21	("5048904").URPN.	USPAT	OR	ON	2005/04/18 16:19
S38	10	("3719780" "3838912" "4003626" "4178064" "4248495" "4378562" "4482902" "4541061" "4685775" "4816920").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 16:19
S39	6	S38 and (frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 16:22
S40	7	("3413411" "3566181" "3669522" "3701999" "3809948").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 16:23
S41	10	("3719780" "3838912" "4003626" "4178064" "4248495" "4378562" "4482902" "4541061" "4685775" "4816920").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 17:09
S42	86	348/770.ccls.	USPAT	OR	ON	2005/04/18 17:10
S43	3	S42 and ((multiple plurality several many) adj5 (frequency rate))	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 17:10
S44	15	S34 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 17:11
S45	35	S42 and (frequency rate)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 17:10
S46	34	S45 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 17:11
S47	21	("5048904").URPN.	USPAT	OR	ON	2005/04/18 17:14

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S48	29	("2488734" "2570125" "2640866" "2928057" "3102233" "3256769" "3532408" "3619028" "3678308" "3742234" "3811748" "3820040" "3921045" "4032888" "4037231" "4063287" "4073567" "4302720" "4358789" "4364000" "4370019" "4502752").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 17:15
S49	13	("3619028").URPN.	USPAT	OR	ON	2005/04/18 17:20
S50	3	((("6,229,649") or ("6,151,167") or ("5,914,801")).PN.	USPAT	OR	OFF	2005/04/18 17:20
S51	3	("6151167").URPN.	USPAT	OR	ON	2005/04/18 17:21
S52	13	("5355181" "5467104" "5526183" "5539422" "5557444" "5596339" "5659327" "5659430" "5694237" "5701132" "5742419" "5751465" "5923460").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 17:23
S53	92	"5,185,676" "4,272,151" "5,444, 572" "4,093,351" "3,923,400" "5, 201,980"	USPAT	OR	ON	2005/04/18 17:24
S54	5	((("5,185,676") or ("4,272,151") or ("5,444,572") or ("4,093,351") or ("3,923,400") or ("5,201,980")). PN.	USPAT	OR	OFF	2005/04/18 17:25
S55	5	((("5,136,413") or ("6,147,789") or ("5,828,455") or ("6,049,407") or ("6,245,590")).PN.	USPAT	OR	OFF	2005/04/18 17:26
S56	18	((("6,140,979") or ("6,044,705") or ("5,969,465") or ("5,767,666") or ("5,751,465") or ("5,742,419") or ("5,726,671") or ("5,701,132") or ("5,694,237") or ("5,687,034") or ("5,673,139") or ("5,659,430") or ("5,659,327") or ("5,648,618") or ("5,645,735") or ("5,640,133") or ("5,629,794") or ("5679790")).PN.	USPAT	OR	OFF	2005/04/18 17:29
S57	1	("5,225,923").PN.	USPAT	OR	OFF	2005/04/18 17:30
S58	1	("5,185,676").PN.	USPAT	OR	OFF	2005/04/18 17:30
S59	7	("3614212" "4283145" "4318582" "4321700" "4829339" "4841137" "4878202").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 17:31

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S60	10	("2265037" "2930898" "2984747" "3437393" "3717772" "3770969").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 17:32
S61	16	("4283145").URPN.	USPAT	OR	ON	2005/04/18 17:33
S62	502	345/84,85.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 09:30
S63	175	S62 and (frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 09:24
S64	87	S63 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 09:33
S65	553	348/770,771,755,756,764,768.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 09:32
S66	961904	"7" and (frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:01
S67	177	S65 and (frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:50
S68	95	S67 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:43
S69	232	furness.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 09:40
S70	0	funess.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 09:41
S71	0	funness.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 09:41
S72	34504	clarence.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 09:41
S73	0	clarence near tegreen	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 09:42
S74	55	clarence near tegreene	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 09:42
S75	39	S74 and head	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:01

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S76	23	("4421381" "5025346" "5097354" "5165279" "5247384" "5355181" "5444565" "5467104" "5488862" "5557444" "5629790" "5629794" "5640133" "5645735" "5648618" "5673139" "5767666" "5969465" "6044705" "6245590" "6256131" "6285489" "6331909").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 09:49
S77	69	("3532408" "4732440" "5428473").PN. OR ("5557444").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 09:54
S78	2	S75 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:01
S79	1355	345/7-9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:00
S80	418	S79 and (frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:11
S81	331	S80 and head	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:01
S82	187	S81 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:17
S83	46	S74 and (frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:20
S84	0	S83 and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:11
S85	4	S83 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:51
S86	44	S83 and mov\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:20
S87	34	S83 and ((mov\$3 rotat\$4) adj3 mirror)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:20
S88	26	S65 and (scanning adj3 (rate frequency))	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:53

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S89	12	S88 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:53
S90	7	S62 and (scanning adj3 (rate frequency))	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:54
S91	5	S90 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:53
S92	43	S74 and (scanning adj3 (rate frequency))	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:55
S93	2	"5048904" and (scanning adj3 (rate frequency))	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 10:55
S94	5	"5185676" and (scanning adj3 (rate frequency))	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 13:30
S95	196	359/213,291.202.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 13:44
S96	132	S95 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 13:46
S97	122	S95 and (frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 13:45
S98	5	S97 and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 13:45
S99	3	S98 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 13:45
S100	85	S97 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/19 13:49
S101	7	("6049317").URPN.	USPAT	OR	ON	2006/01/11 15:01
S102	4	("4475104" "4596992" "5162787" "5446479").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:01
S103	55	("5446479").URPN.	USPAT	OR	ON	2006/01/11 15:03

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S10 4	41	("3474248" "3576394" "3918002" "3968440" "3986022" "4023158" "4031474" "4041476" "4063233" "4078229" "4093921" "4093922" "4168509" "4275648" "4288861" "4380023" "4441791" "4471385" "4475104" "4509043" "4552441" "4566031" "4577282" "4596992" "4611889" "4613201" "4615595" "4638309" "4662746" "4671634" "4680579" "4699498" "4709231" "4710732" "4713749" "4749259" "4755869" "4766556" "4985856" "5038302").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:05
S10 5	15	S104 and frequency	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:09
S10 6	6	S104 and frequencies	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/11 15:05
S10 7	25	Earle near thompson	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:09
S10 8	23	S107 and frequency	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:09
S10 9	0	S107 and vibra\$5 adj5 frequency	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:14

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S11 0	36	("3474248" "3576394" "3701586" "3918002" "3968440" "3986022" "4023158" "4031474" "4041476" "4063233" "4078229" "4093921" "4093922" "4168509" "4275648" "4288861" "4380023" "4441791" "4471385" "4552441" "4577282" "4596992" "4611889" "4613201" "4615595" "4638309" "4662746" "4671634" "4680579" "4699498" "4710732" "4713749" "4749259" "4755869").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:13
S11 1	1	S110 and vibra\$5 adj5 frequency	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:14
S11 2	1	S110 and (vibra\$5 resonan\$3) adj5 frequency	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:15
S11 3	270	deformable adj2 mirror and (vibra\$5 resonan\$3) adj5 frequency	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:16
S11 4	68688	"348"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:15
S11 5	15	S113 and S114	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:15
S11 6	270	deformable adj2 (mirror dmd) and (vibra\$5 resonan\$3) adj5 frequency	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 10:36
S11 7	15	S114 and S116	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:17
S11 8	9	S117 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:20
S11 9	375	deform\$6 adj2 (mirror dmd) and (vibra\$5 resonan\$3) adj5 frequency	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:20
S12 0	92	S119 and (@ad<="19980805")	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:21

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S12 1	2	S120 and (horizontal adj3 scan\$4) and (vertical adj3 scan\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:27
S12 2	4	S120 and ((column y) adj3 scan\$4) and ((row x)adj3 scan\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:27
S12 3	4	S120 and ((column y) adj3 scan\$4) and ((row x) adj3 scan\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/11 15:27